

0064



**CYPRUS**  
**Plateau Mining**

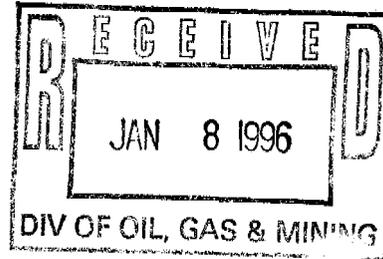
Cyprus Plateau Mining Corporation  
P.O. Drawer PMC  
Price, Utah 84501  
(801) 637-2875

January 4, 1996

**Keith H. Sieber**  
Vice President and General Manager

Utah Coal Regulatory Program  
Division of Oil, Gas and Mining  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

Attn: Pamela Grubaugh-Littig



*Route to  
Baron*

*file ACT/007/004 #6*

Re: Fourth Quarter 1995 Refuse Pile Certification and Barn Canyon Diversion CGD-5 Survey

Dear Ms. Grubaugh-Littig

Enclosed is a copy of the fourth quarter 1995 refuse pile certification and Barn Canyon Diversion CGD-5 survey for AMAX Coal Company's Castle Gate Mine.

Sincerely,

Handwritten signature of Johnny Pappas.

Johnny Pappas  
Environmental Engineer

Enclosure

Chrono: JP960103.ltr

QUARTERLY INSPECTION REPORT  
School House Canyon Refuse Disposal Site

JAN 8 1996

DIV OF OIL, GAS & MINING

AMAX Coal Company  
c/o Castle Gate Mine  
Cyprus Plateau Mining Co.  
Price, Utah 84501

Preparation Plant - MSHA ID #4201517  
Refuse Pile - MSHA ID #1211-UT-09-00-165-01  
Permit Number - ACT/007/004

Date: 12/10/95 Approximate Top Elevation: 6443  
Terrace No. 3-4 Slope of Face: Approximately 2:1  
Removal of Organic Matter: No Removal Necessary.

Distribution and Mixing of Materials: Dumping of Willow Creek Pile continuing. Distribution / Mixing appear good.  
Overall Stability and Appearance: Pile well graded and compacted. Some slopes and ditches remain to be graded.

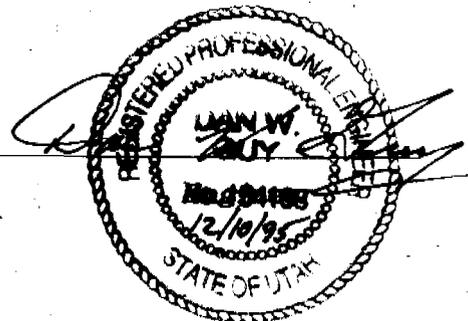
Average In-Place Density: 89.8 pcf (wet)  
Average Rate of Compaction: 94.9 %  
Number of Tests Performed: 7

PIEZOMETER LEVELS:

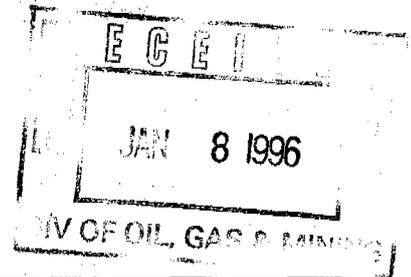
1st Terrace  
North \_\_\_\_\_ Middle Dry South \_\_\_\_\_  
2nd Terrace  
North \_\_\_\_\_ Middle Dry South \_\_\_\_\_

Dan W. Guy, P.E.

Inspector



CASTLE GATE  
BARN CANYON DIVERSION CGD-5  
MONITORING POINTS



STATION	DISTANCE FROM TOP OF PIN TO FLOW LINE				CHANGE	
	QUARTER 1	QUARTER 2	QUARTER 3	QUARTER 4 12/13/94	LAST	ACC
#1	N/A	N/A	N/A	2.68'	0	0
#2	N/A	N/A	N/A	2.13'	0	0
#3	N/A	N/A	N/A	2.64'	0	0

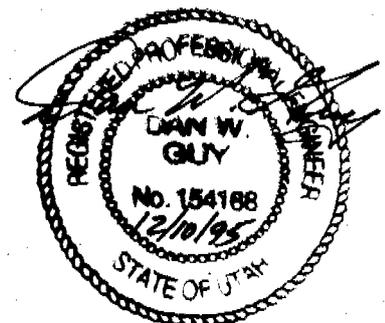
STATION	DISTANCE FROM TOP OF PIN TO FLOW LINE				CHANGE	
	QUARTER 1 1995	QUARTER 2 06/30/95	QUARTER 3 1995	QUARTER 12/10/95	LAST	ACC
#1	2.69	2.70	2.69	2.66	+0.03	+0.02
#2	*1.97	2.00	1.96	1.95	+0.01	+0.18
#3	**2.40	2.40	2.40	2.36	+0.04	+0.04

**NOTE:**

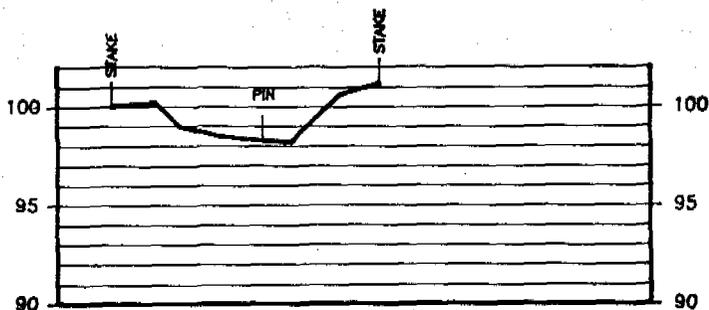
- (1) All stations were installed on 12/13/94.
- (2) Cross-sections will be taken annually.
- (3) Measurements from top of pin to the flowline will be taken quarterly.

\* Increase due to Side Sluffage.

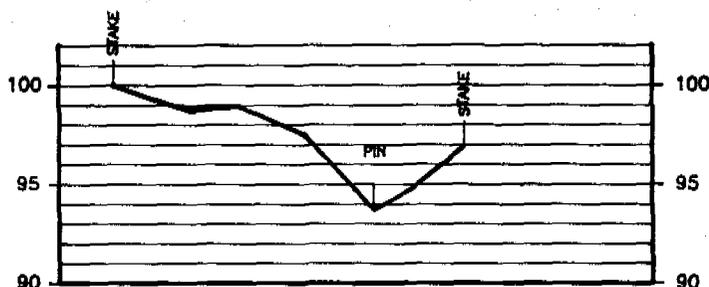
\*\* Reset 03/29/95 - Originally in Frozen Ground.



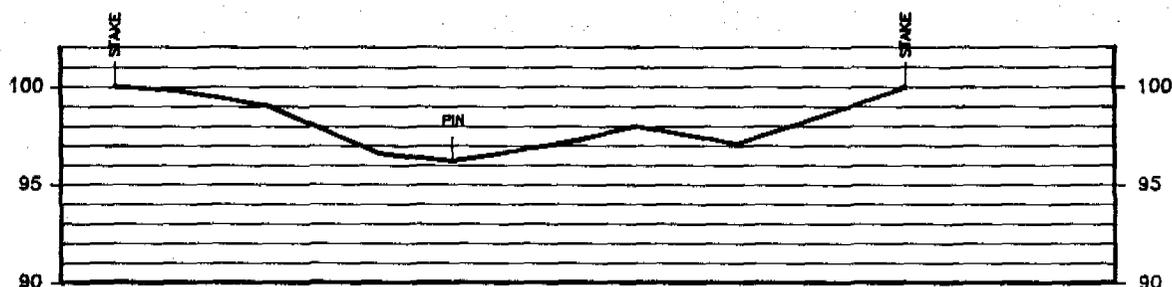
CASTLE GATE  
 DIVERSION CGD-5  
 MONITORING POINTS  
 CROSS-SECTIONS



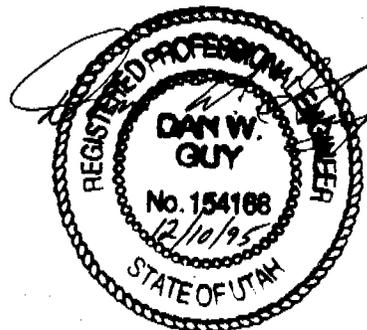
CROSS-SECTION #3



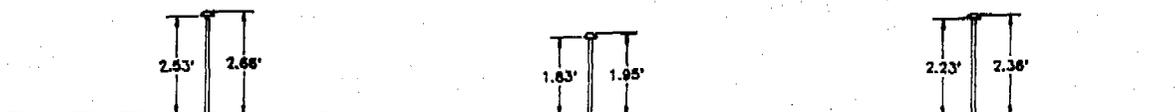
CROSS-SECTION #2



CROSS-SECTION #1



- NOTE: (1) SECTION VIEW LOOKING UP FROM BARN CANYON.  
 (2) ELEVATIONS ARE RELATIVE.  
 (3) SCALE 1" = 10'



CROSS-SECTION #1

CROSS-SECTION #2

CROSS-SECTION #3